



PUBLIC NOTICE

File Number: NRS 13.177

Notice Date:
October 29, 2013

Expiration Date:
November 29, 2013

Pursuant to Chapter 1200-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit (this also includes §401 Water Quality Certifications). This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Barrier Properties
c/o Barry Payne
820 Broad Street, Suite 400
Chattanooga, TN 37403
423-595-9244

LOCATION: Ooltewah, Hamilton County, TN

Stream crossing #1:	Latitude: 35.096895	Longitude: -85.059453
Stream crossing #2:	Latitude: 35.097549	Longitude: -85.058133
Stream crossing #3:	Latitude: 35.096409	Longitude: -85.055199
Stream crossing #4:	Latitude: 35.092738	Longitude: -85.057258
Stream crossing #5:	Latitude: 35.092163	Longitude: -85.0527258
Stream crossing #6:	Latitude: 35.091170	Longitude: -85.055684
Stream crossing #7:	Latitude: 35.090920	Longitude: -85.056694
Wetland crossing #1	Latitude: 35.090403	Longitude: -85.058809

PROJECT DESCRIPTION: The applicant proposes to install sanitary sewer lines for service expansion and improvement to a section of Ooletewah near I-75 and Amos Road. The sewer lines will total 7 crossings of Rogers Branch, including 4 crossings with a gravity sewer main line, 2 crossing for sewer service laterals, 1 crossing with a gravity sewer force main, and one section of wetland that will be permanently filled (0.085 acres).

No blasting will be permitted in the excavation of the trenches that parallel the streams, run through the wetland, and cross the streams at any location. Excavation will employ hoe ram methods. Groundwater loss will be prevented by backfilling all stream crossings and the wetland crossing with flowable fill. Clay trench plugs will be place throughout the trench, spaced 200 feet apart at a maximum in all trenches that parallel the streams. These clay plugs will be hard packed in 6" lifts to approximately 6" below normal surface elevation. Then the trench will be backfilled with typical topsoil and seeded.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: Rogers Branch flows into the Chicamauga Reservoir which is part of the Lower Tennessee River Watershed. This watershed encompasses 9 counties and drains approximately 1,870 square miles. For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

Stream Name / ID #: Roger's Branch (TN06020001020_1000)

Ecoregion: 67f Southern Limestone/Dolomite Valleys and Low Rolling Hills of the Ridge And Valley

Stream Dimension:	Channel bottom width	4'-6' wide
	Channel top width	10'-12'
	Water depth	4"-8" deep
	Bank height	3'-5'

Substrate: Rocky with cobbles and some gravel

Designated Use	Use Support	Causes
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Fish and aquatic life	Fully supporting	
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Recreation	Partial supporting	E-coli
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Industrial water supply	Fully supporting	
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Irrigation	Fully supporting	
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Livestock watering & wildlife	Fully supporting	
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Assessment Date: 2009

PERMIT COORDINATOR: Vena Jones

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the

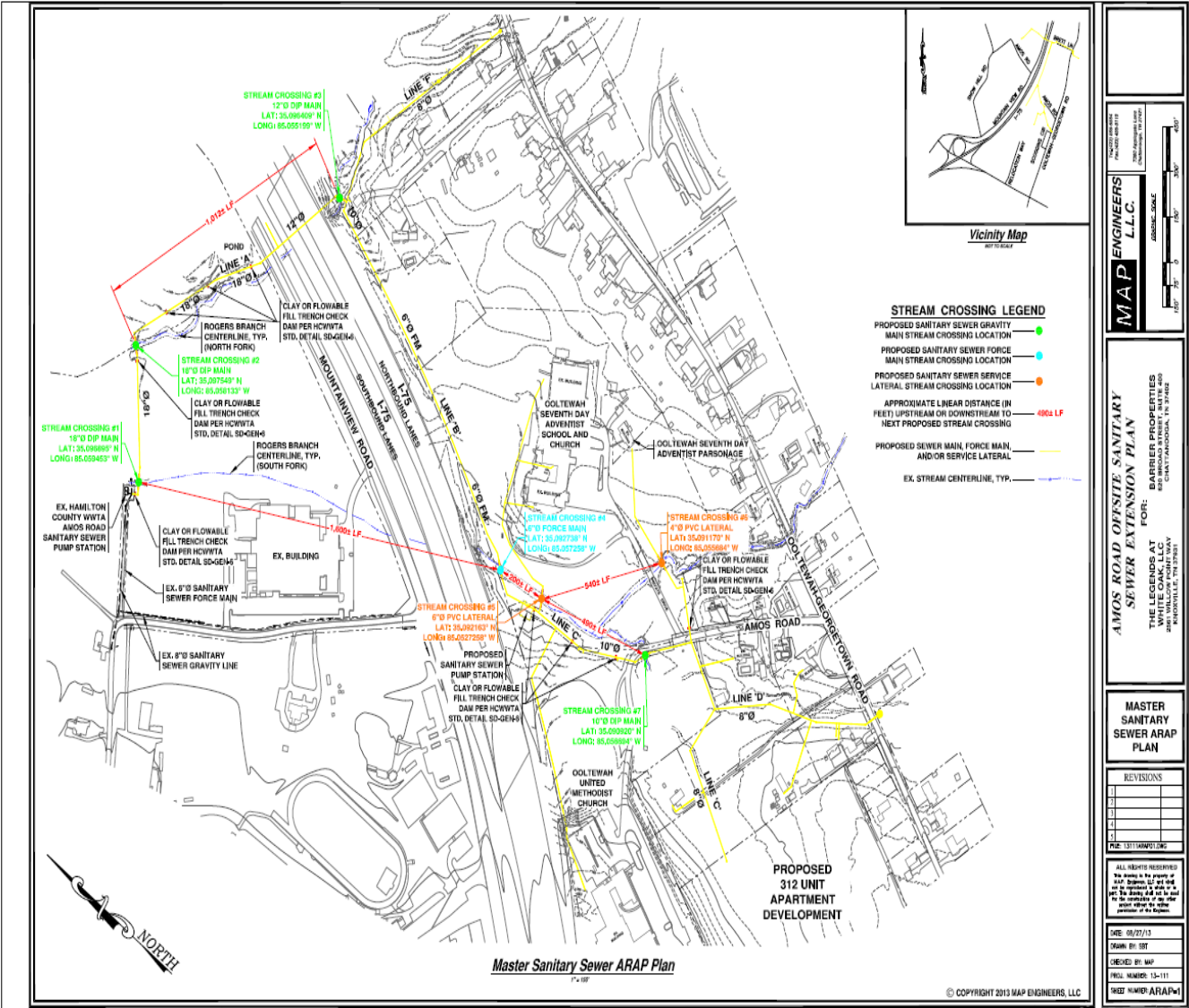
department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 1200-04-05-.12, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12th floor, Nashville, TN. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

Master Plan and Site Location:



MAP ENGINEERS L.L.C.

AMOS ROAD OFFSITE SANITARY SEWER EXTENSION PLAN

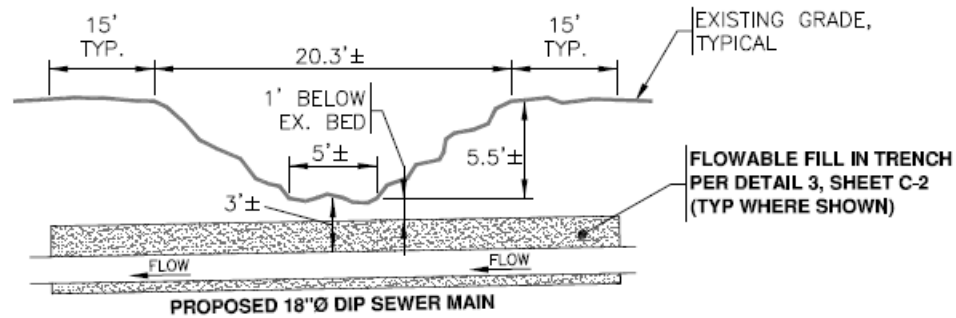
FOR: THE LEGENDS AT WHITE OAK, LLC 800 MOUNTAIN STREET, SUITE 400 BIRMINGHAM, AL 35203

MASTER SANITARY SEWER ARAP PLAN

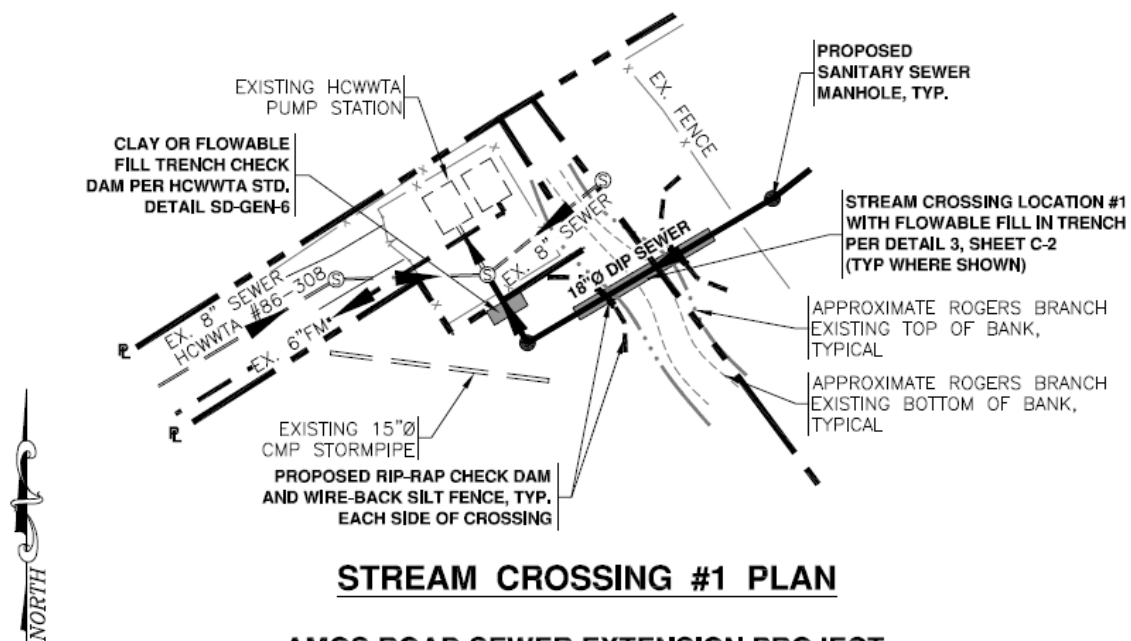
REVISIONS

DATE: 08/27/13
DRAWN BY: TBT
CHECKED BY: MAP
PROJECT NUMBER: 13-111
PROJECT NAME: ARAP

Crossing #1 Detail:



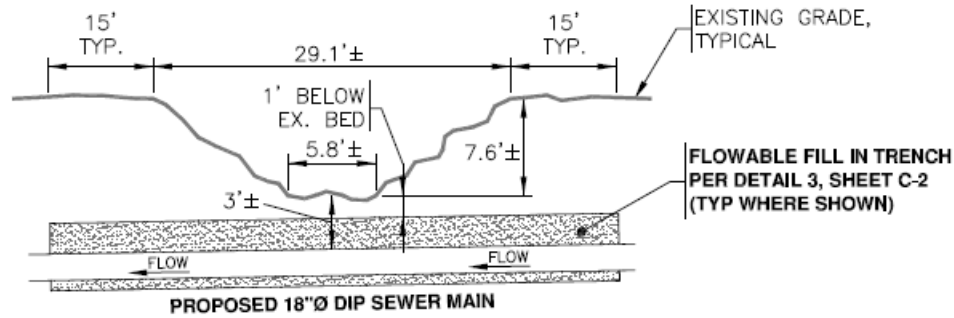
STREAM CROSSING PROFILE



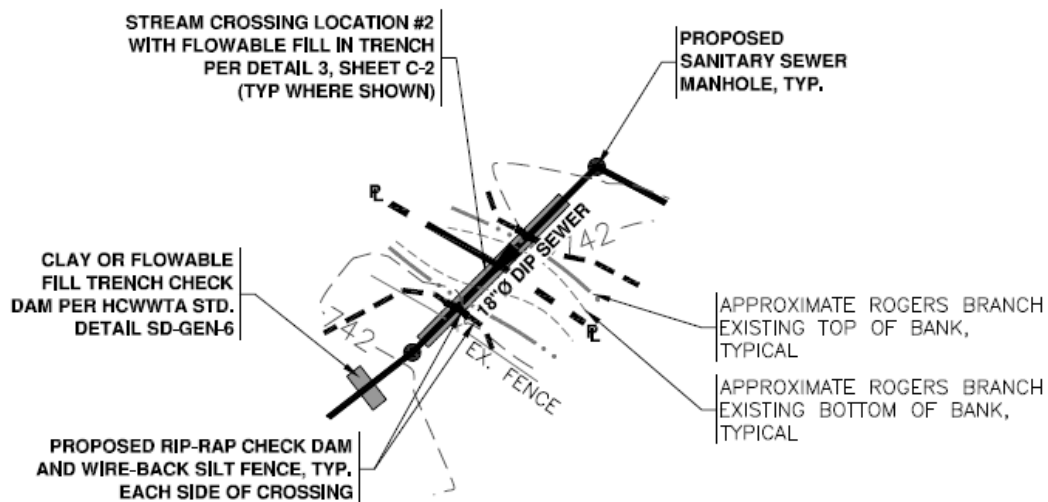
STREAM CROSSING #1 PLAN

AMOS ROAD SEWER EXTENSION PROJECT

Crossing #2 Detail:



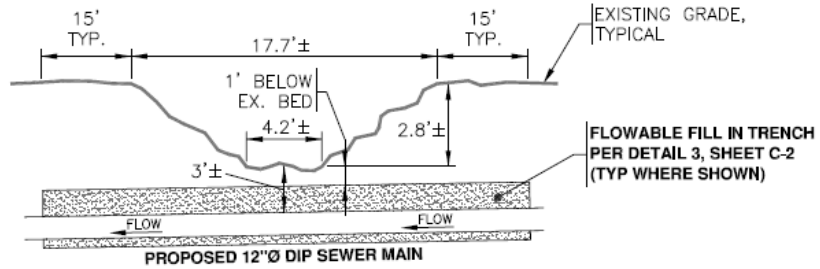
STREAM CROSSING PROFILE



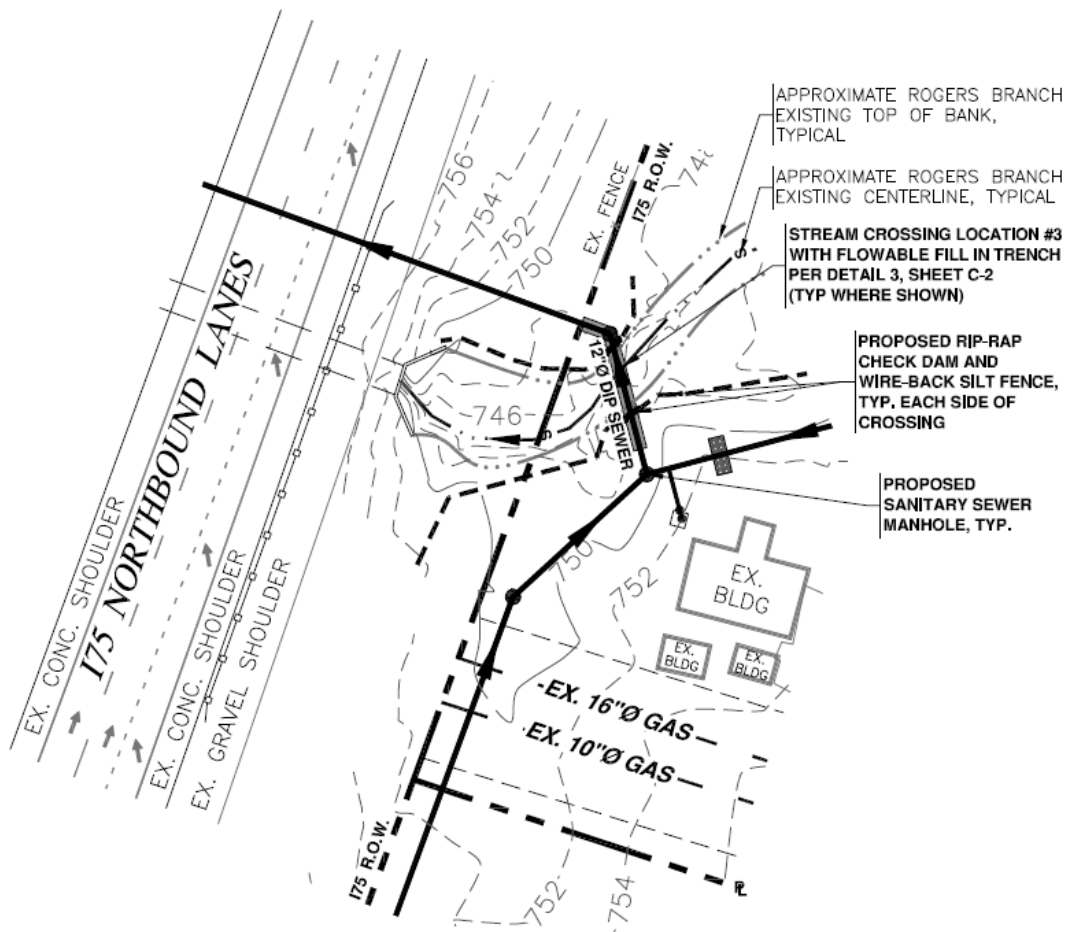
STREAM CROSSING #2 PLAN

AMOS ROAD SEWER EXTENSION PROJECT

Detail Crossing #3:



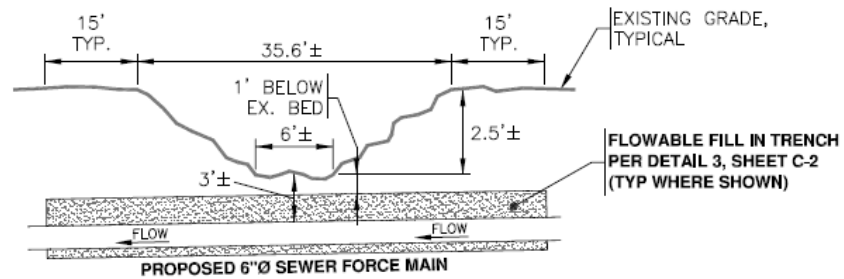
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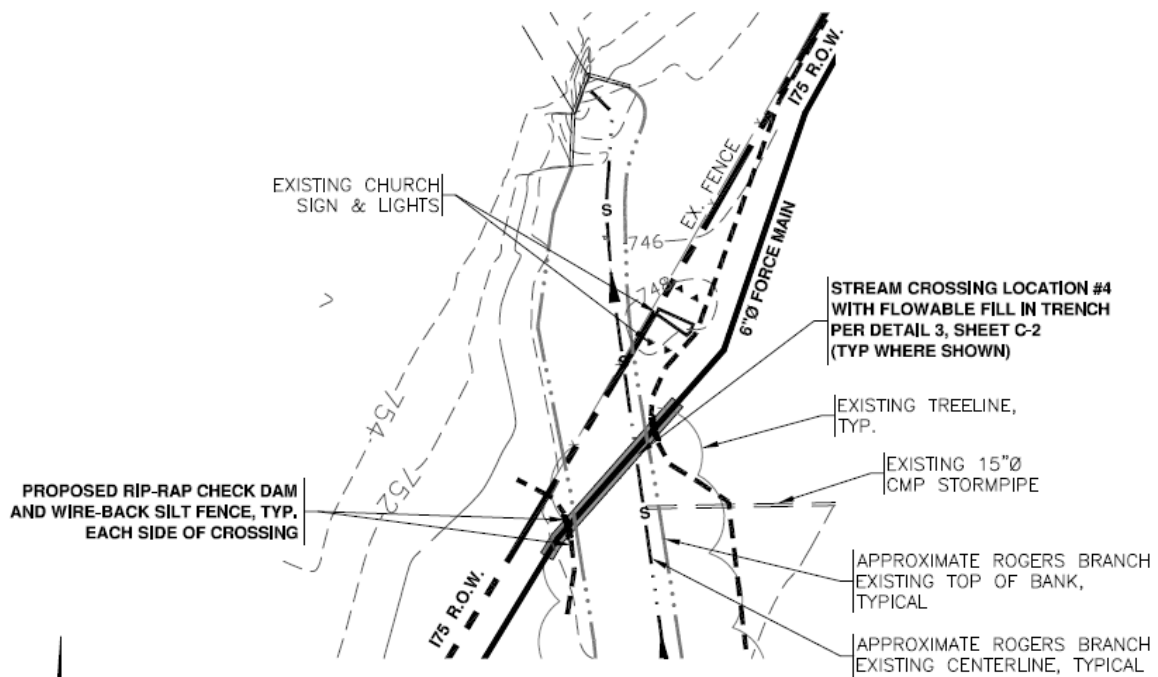
STREAM CROSSING #3 PLAN

AMOS ROAD SEWER EXTENSION PROJECT

Crossing Detail #4:



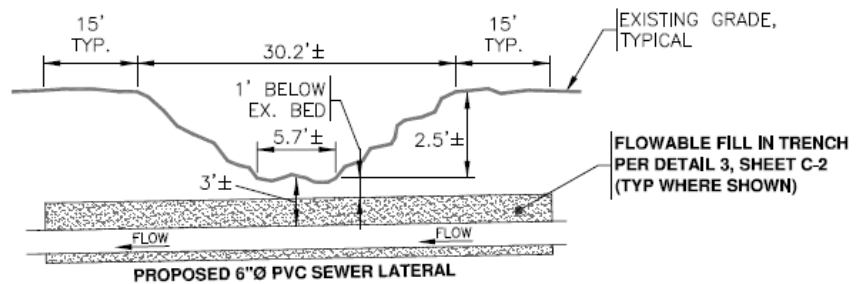
STREAM CROSSING PROFILE



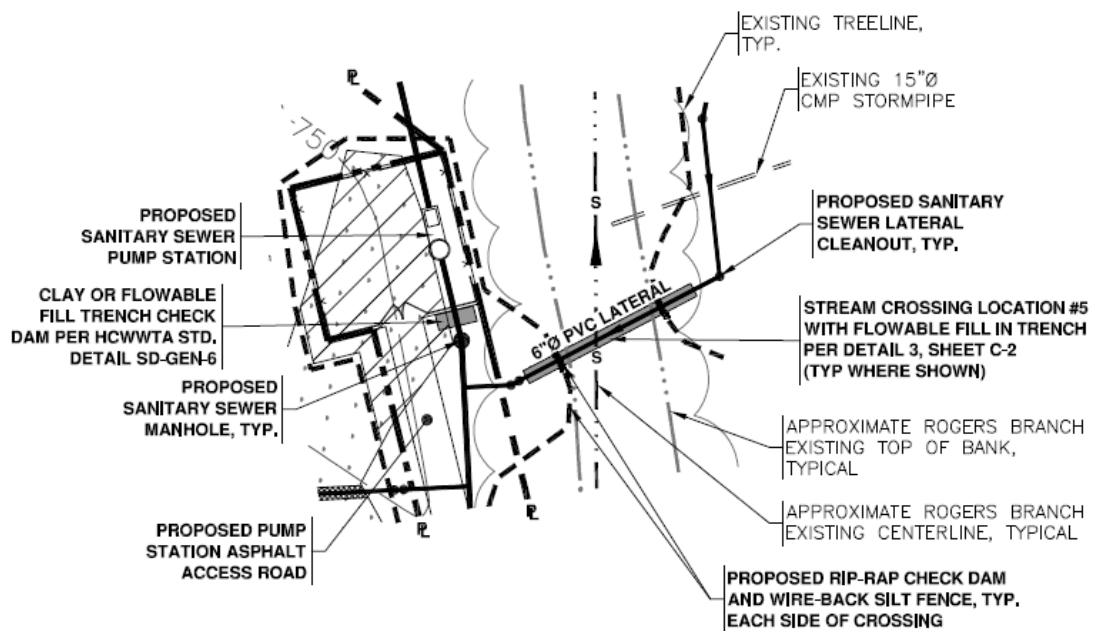
STREAM CROSSING #4 PLAN

AMOS ROAD SEWER EXTENSION PROJECT

Crossing Detail #5:



STREAM CROSSING PROFILE

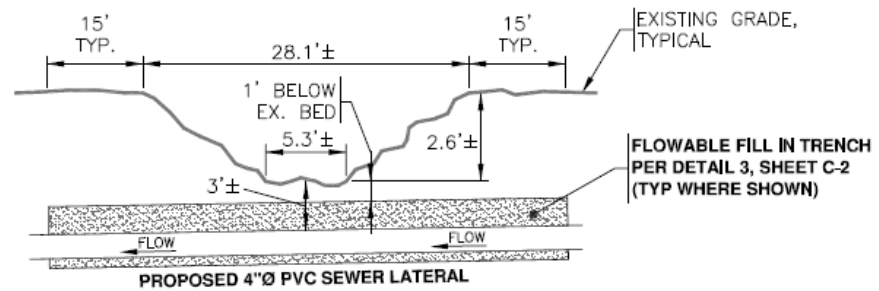


STREAM CROSSING #5 PLAN

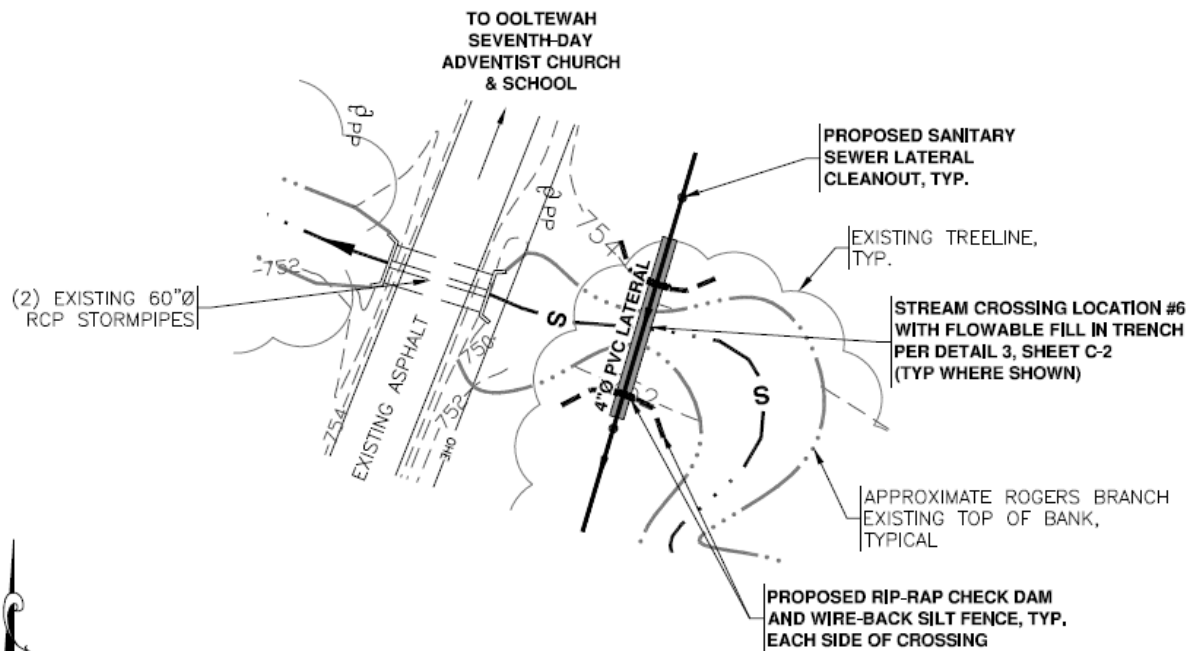
AMOS ROAD SEWER EXTENSION PROJECT



Crossing Detail #6:



STREAM CROSSING PROFILE

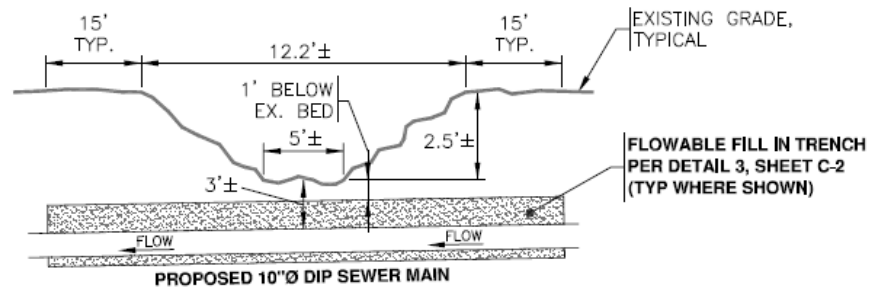


STREAM CROSSING #6 PLAN

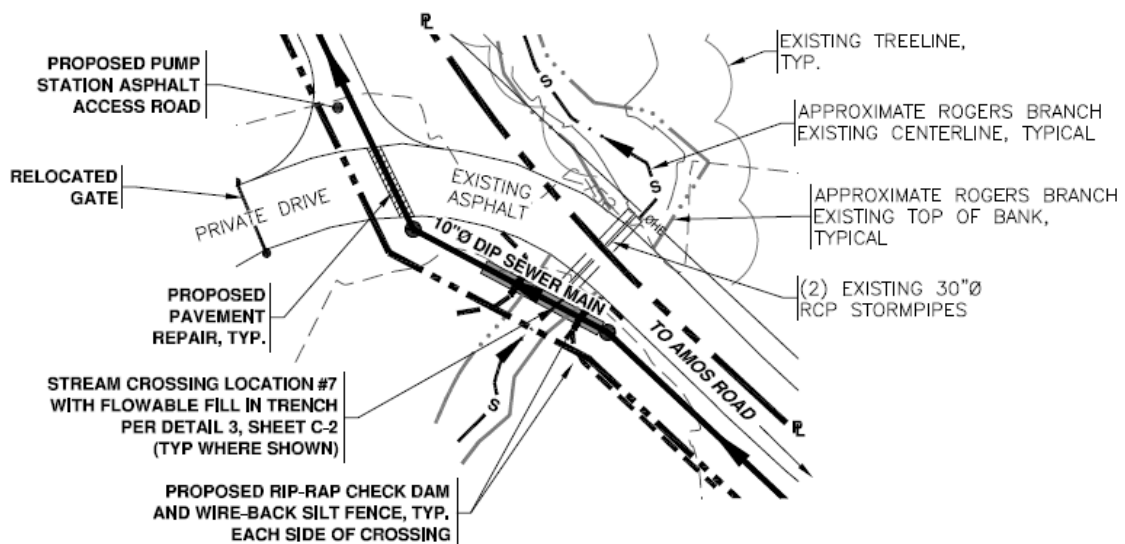
AMOS ROAD SEWER EXTENSION PROJECT



Crossing Detail #7:



STREAM CROSSING PROFILE



STREAM CROSSING #7 PLAN

AMOS ROAD SEWER EXTENSION PROJECT



Wetland Crossing Detail:

